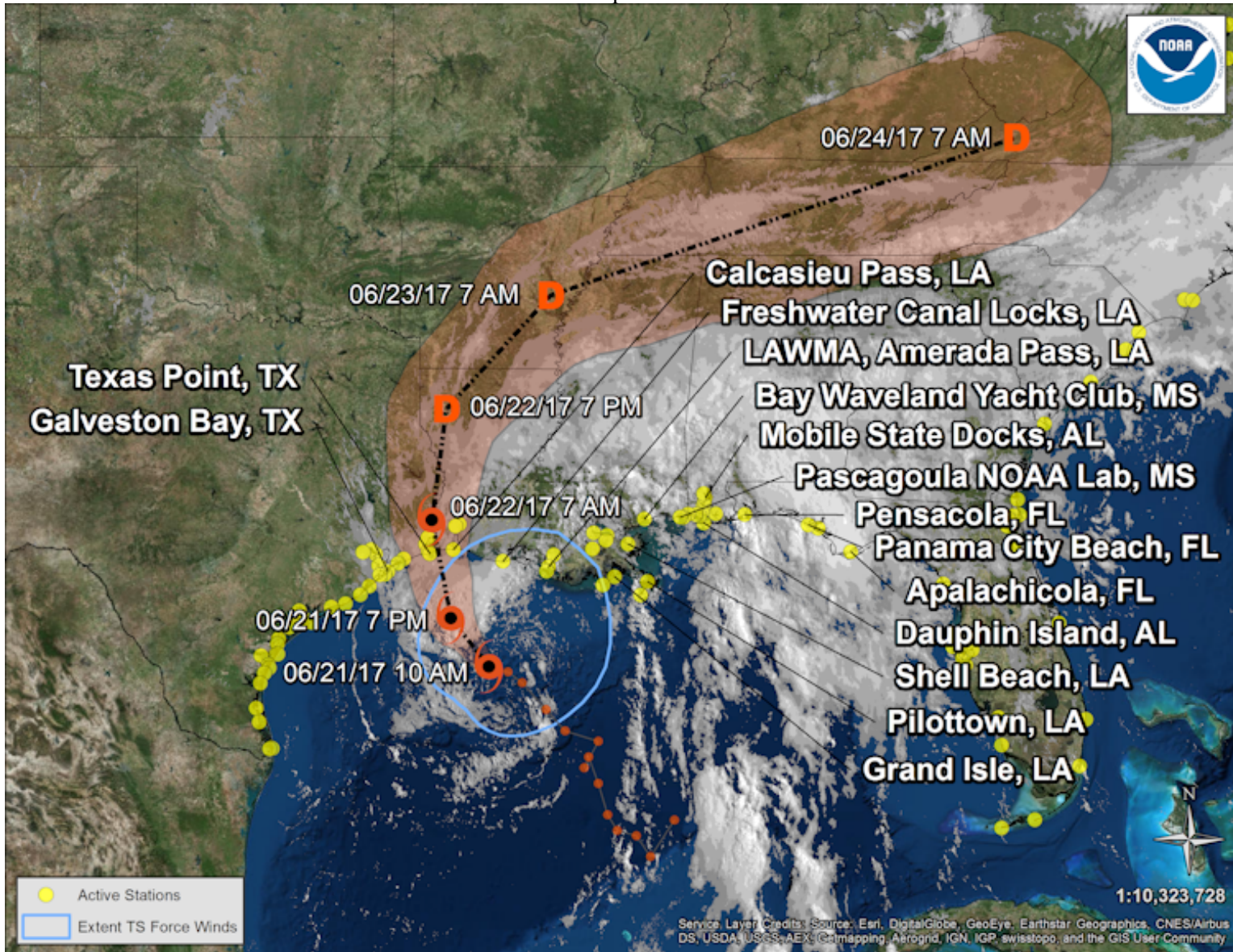




# Tropical Storm CINDY QuickLook Posted: 11:00 CDT 06/21/2017

NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

As of 06/21/2017 11:00 CDT, water levels along the central Gulf of Mexico coast are elevated and range between 1.5 to 3.0 ft above normal tide levels. The highest water level residuals at this hour are being observed at Bay Waveland Yacht Club, MS and Shell Beach, LA where water levels are running consistently greater than 2 ft above tide predictions. The highest winds are being observed along the coasts of southeast Louisiana, Mississippi and Alabama where in the last few hours winds have gusted between 20 and 30 knots. Barometric pressure continues to fall

gradually across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst ADM

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#### SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Storm Cindy Advisory Number 8  
NWS National Hurricane Center Miami FL  
1000 AM CDT Wed Jun 21 2017

...CINDY WEAKENS SLIGHTLY...  
...HEAVY RAINFALL COULD PRODUCE LIFE-THREATENING FLASH FLOODING  
ACROSS PORTIONS OF THE NORTHERN GULF COAST...

#### WATCHES AND WARNINGS

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##### CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning is discontinued north and east of the mouth of the Mississippi River, including Metropolitan New Orleans and Lake Pontchartrain.

##### SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...  
\* San Luis Pass Texas to the mouth of the Mississippi River

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case within the next 12 to 24 hours.

Interests elsewhere along the U.S. Gulf Coast from the central Texas coast to the western Florida Panhandle should monitor the progress of this system.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

#### DISCUSSION AND 48-HOUR OUTLOOK

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At 1000 AM CDT, the center of Tropical Storm Cindy was located ABOUT 170 MI SSW OF MORGAN CITY LOUISIANA and ABOUT 180 MI SE OF GALVESTON TEXAS. Cindy is moving toward the northwest near 10 mph, and this motion is expected to continue today. A turn toward the north-northwest and then toward the north is expected tonight and Thursday. On the forecast track, the center of Cindy will approach the coast of southwest Louisiana and southeast Texas late today or tonight, and move inland over southeastern Texas or southwestern

Louisiana on Thursday.

Surface observations and reports from an Air Force Reserve Hurricane Hunter aircraft indicate that maximum sustained winds are now near 50 mph with higher gusts. Little change in strength is expected before landfall, with weakening expected thereafter.

Tropical-storm-force winds extend outward up to 205 miles mainly to the north and east of the center.

The minimum central pressure just reported by the Hurricane Hunter aircraft is 996 mb.

#### HAZARDS AFFECTING LAND

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RAINFALL: Cindy is expected to produce total rain accumulations of 6 to 9 inches with isolated maximum amounts of 12 inches over southeastern Louisiana, southern Mississippi, southern Alabama, and western portions of the Florida Panhandle through Thursday. This rainfall could cause life-threatening flash flooding in these areas.

Rainfall amounts of 3 to 5 inches with isolated maximum amounts of 7 inches can be expected farther west across western Louisiana and eastern Texas through Thursday. Rainfall should spread northeastward across Arkansas and into portions of the Tennessee and Ohio Valleys through Friday, with total rain accumulations of 3 to 5 inches with locally higher amounts possible.

WIND: Tropical storm conditions should spread westward and northward through the Tropical Storm Warning area today through Thursday.

STORM SURGE: Inundation of 1 to 3 feet above ground level is expected along the coast in portions of the Tropical Storm Warning area. Inundation of 1 to 3 feet above ground level is also possible elsewhere along the coast from southeastern Louisiana to the western Florida Panhandle in areas of strong onshore winds.

TORNADOES: A few tornadoes are possible today through tonight from the western Florida Panhandle across southwest Alabama, southern Mississippi, and southern Louisiana.

#### NEXT ADVISORY

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Next intermediate advisory at 100 PM CDT.

Next complete advisory at 400 PM CDT.

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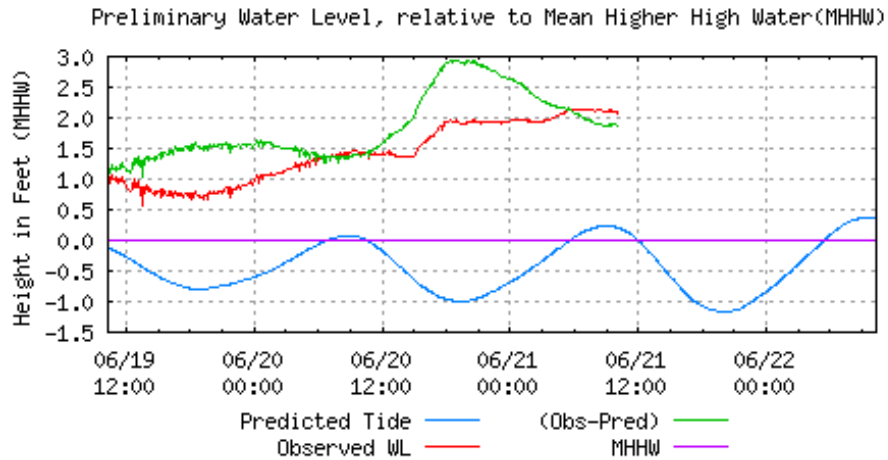
Forecaster Beven

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pilottown - Water Level](#), [Pilottown - Winds](#), [Pilottown - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Dock C, Port of Pascagoula - Winds](#), [Dock C, Port of Pascagoula - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Mobile State Docks - Water Level](#), [Mobile State Docks - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Barometric](#), [Panama City Beach - Water Level](#), [Panama City Beach - Winds](#), [Panama City Beach - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Grand Isle - Water Level](#).

Grand Isle - Winds, Grand Isle - Barometric, LAWMA, Amerada Pass - Water Level, LAWMA, Amerada Pass - Winds, LAWMA, Amerada Pass - Barometric, Freshwater Canal Locks - Water Level, Freshwater Canal Locks - Winds, Freshwater Canal Locks - Barometric, Calcasieu Pass - Water Level, Calcasieu Pass - Winds, Calcasieu Pass - Barometric, Texas Point, Sabine Pass - Water Level, Texas Point, Sabine Pass - Winds, Texas Point, Sabine Pass - Barometric, Galveston Bay Entrance, North Jetty - Water Level, Galveston Bay Entrance, North Jetty - Winds, Galveston Bay Entrance, North Jetty - Barometric

NOAA/NOS/CO-OPS 8760721 Pilottown, LA



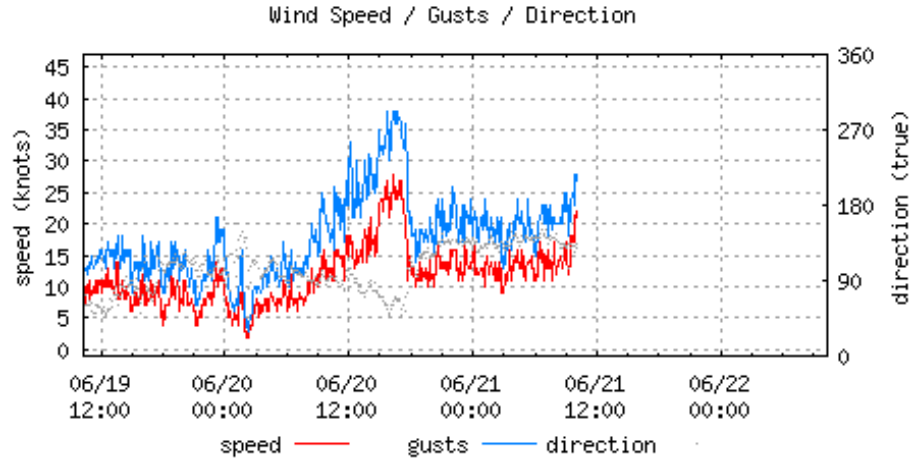
Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

Observed: 2.07 ft. Predicted: 0.20 ft. Residual: 1.87 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/22/2017 09:30 (CDT), 0.36 ft.

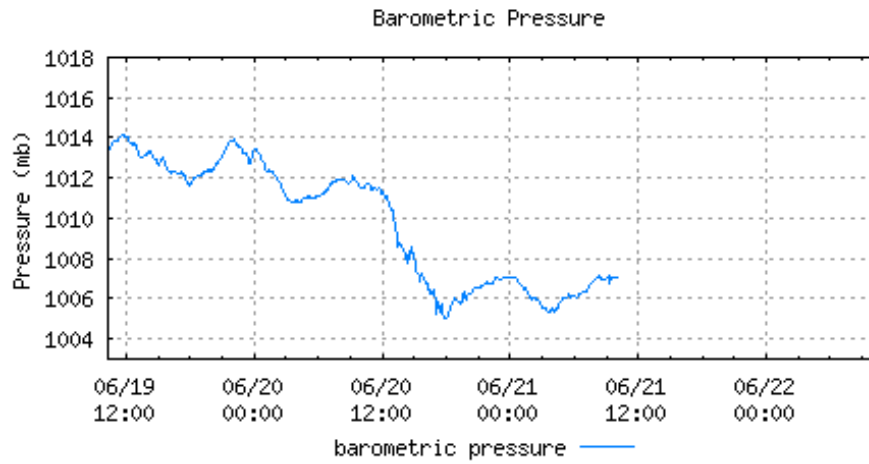
NOAA/NOS/CO-OPS 8760721 Pilottown, LA



Last Observed Sample: 06/21/2017 10:12 (CDT)

Wind Speed: 20 knots Gusts: 29 knots Direction: 136° T

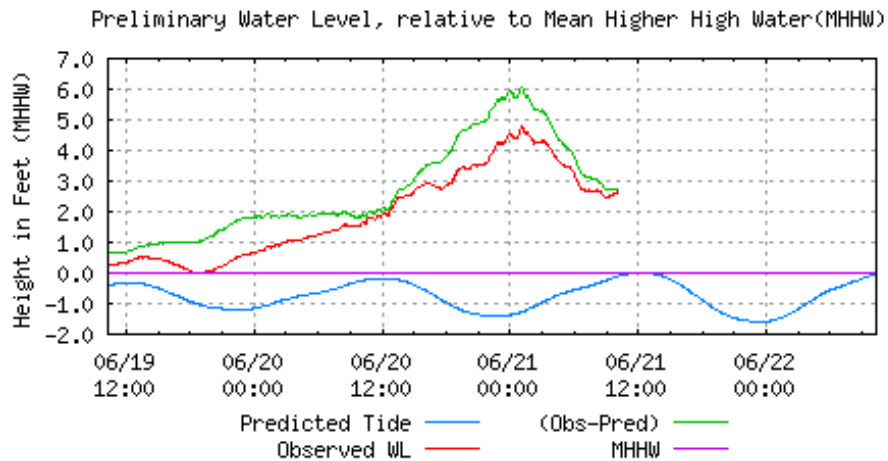
NOAA/NOS/CO-OPS 8760721 Pilottown, LA



Last Observed Sample: 06/21/2017 10:12 (CDT)

Barometric Pressure: 1007.3 mb

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

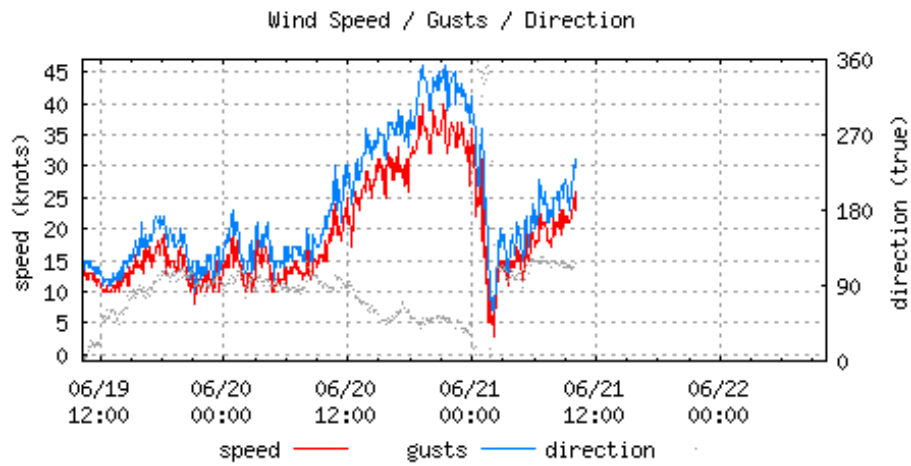
Observed: 2.64 ft. Predicted: -0.09 ft. Residual: 2.73 ft.

Historical Maximum Water Level: Aug 29 2012, 9.45 ft.

Next High Tide: 06/21/2017 12:19 (CDT), 0.01 ft.



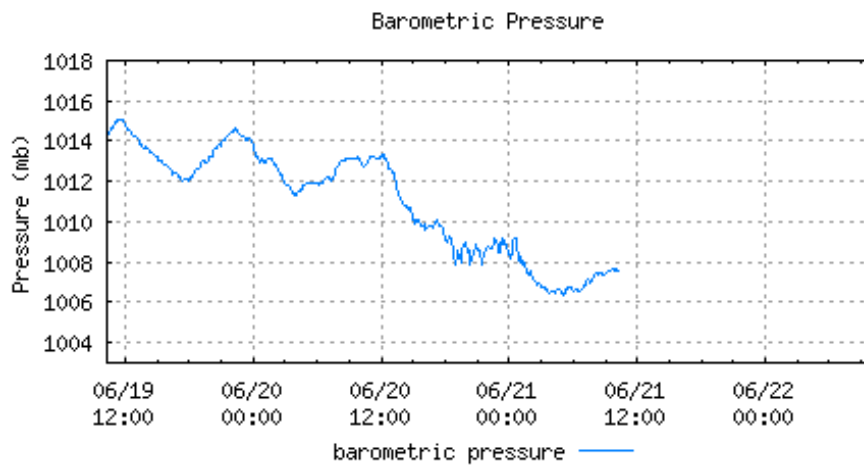
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 06/21/2017 10:12 (CDT)

Wind Speed: 28 knots Gusts: 32 knots Direction: 114° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

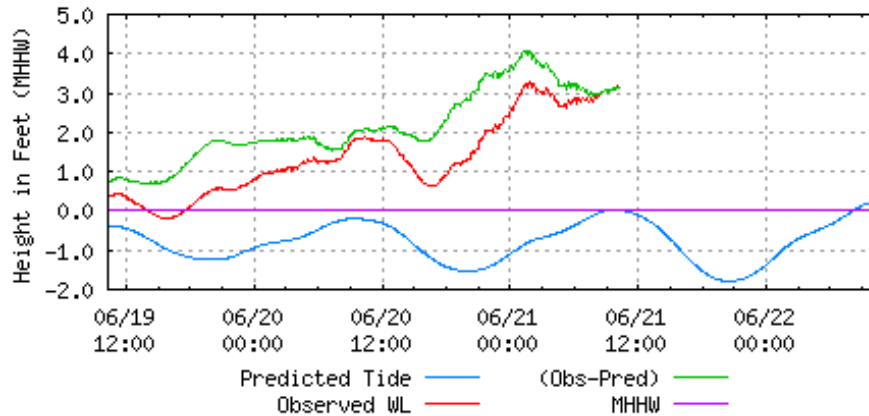


Last Observed Sample: 06/21/2017 10:12 (CDT)

Barometric Pressure: 1007.6 mb

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

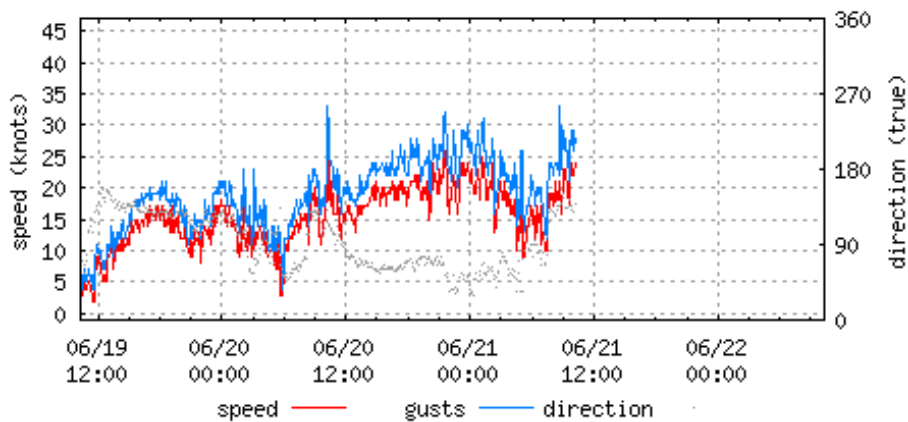
Observed: 3.14 ft. Predicted: 0.02 ft. Residual: 3.12 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 06/22/2017 10:27 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Wind Speed / Gusts / Direction

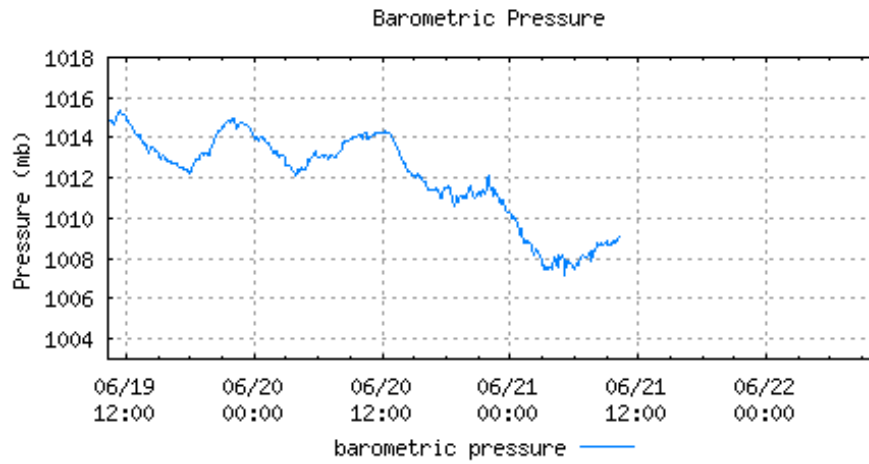


Last Observed Sample: 06/21/2017 10:12 (CDT)

Wind Speed: 24 knots Gusts: 28 knots Direction: 139° T



NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

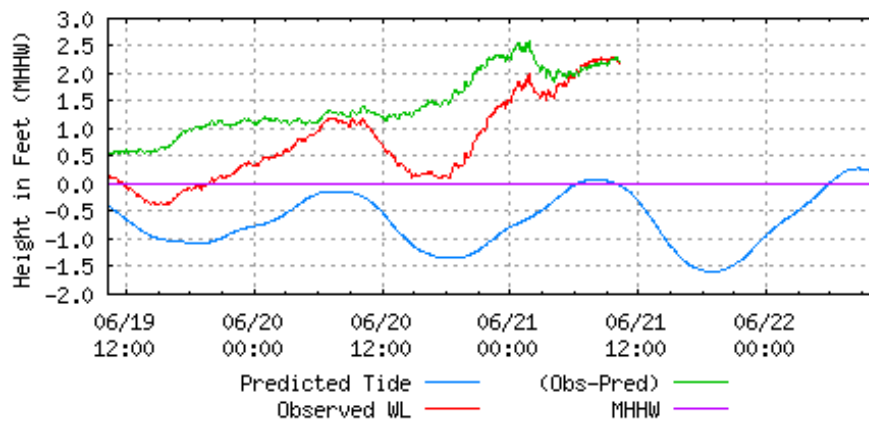


Last Observed Sample: 06/21/2017 10:12 (CDT)

Barometric Pressure: 1009.1 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



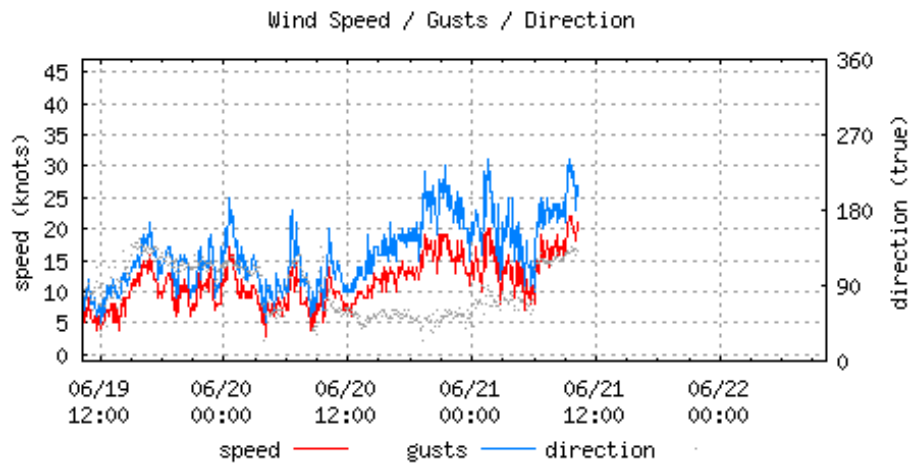
Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

Observed: 2.19 ft. Predicted: -0.02 ft. Residual: 2.21 ft.

Historical Maximum Water Level: Sep 1 2008, 4.90 ft.

Next High Tide: 06/22/2017 08:36 (CDT), 0.28 ft.

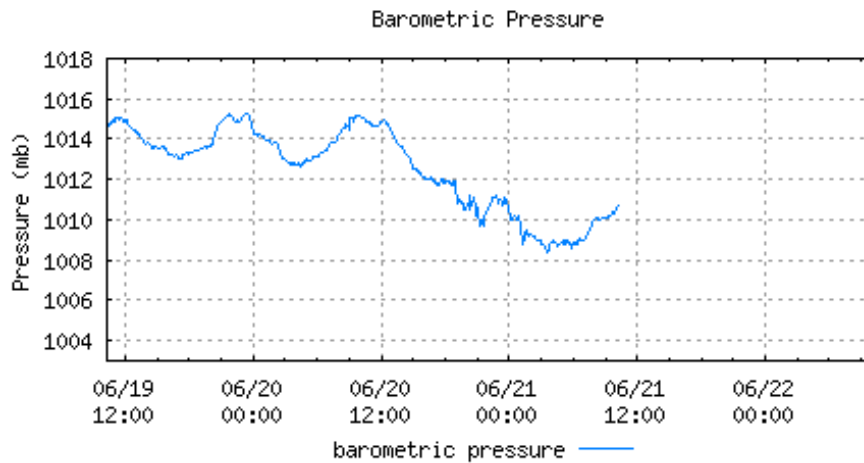
NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS



Last Observed Sample: 06/21/2017 10:18 (CDT)

Wind Speed: 20 knots Gusts: 28 knots Direction: 129° T

NOAA/NOS/CO-OPS 8741501 Dock C, Port of Pascagoula, MS

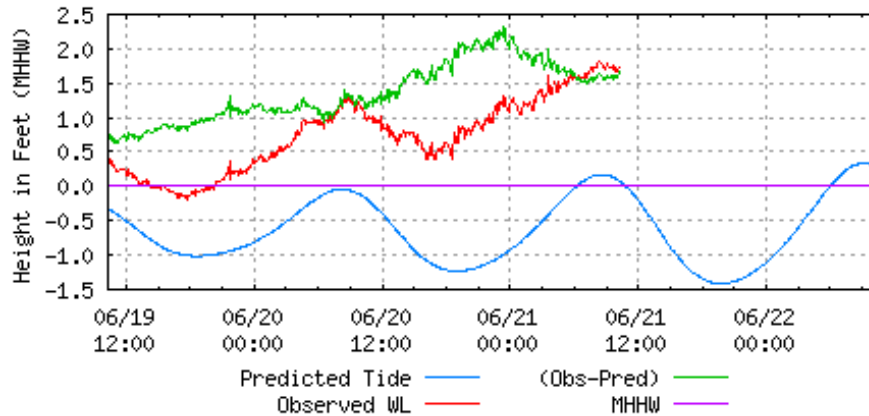


Last Observed Sample: 06/21/2017 10:18 (CDT)

Barometric Pressure: 1010.8 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

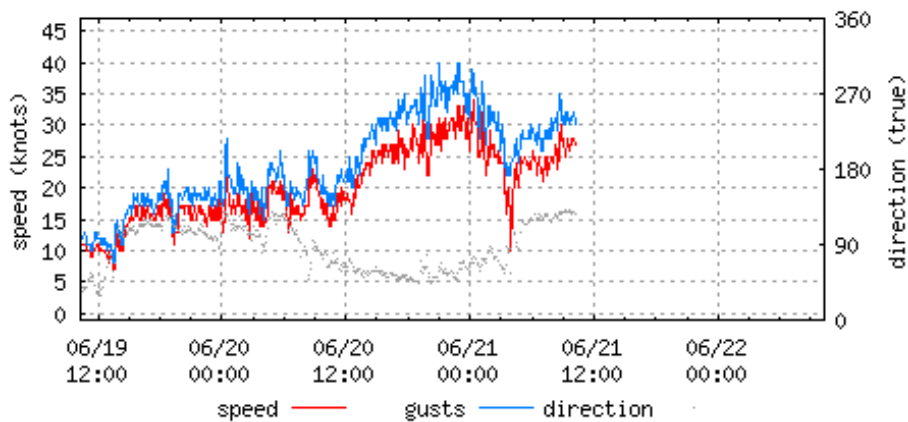
Observed: 1.74 ft. Predicted: 0.08 ft. Residual: 1.66 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 06/22/2017 09:10 (CDT), 0.33 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

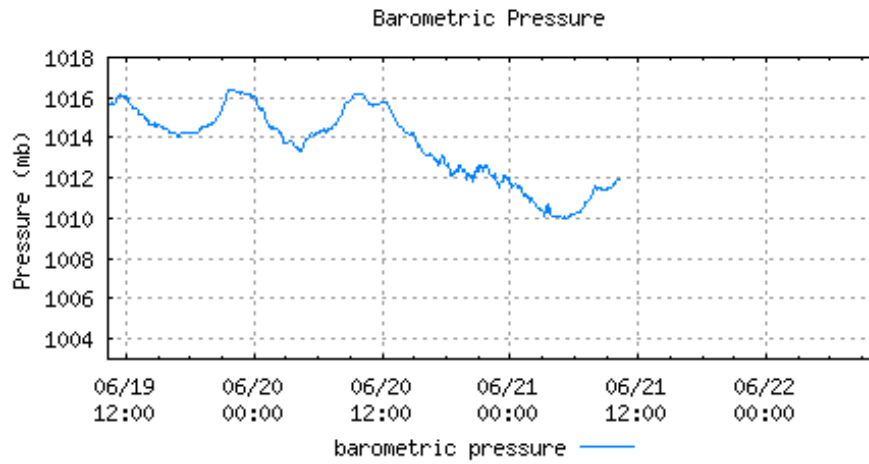
Wind Speed / Gusts / Direction



Last Observed Sample: 06/21/2017 10:12 (CDT)

Wind Speed: 27 knots Gusts: 30 knots Direction: 126° T

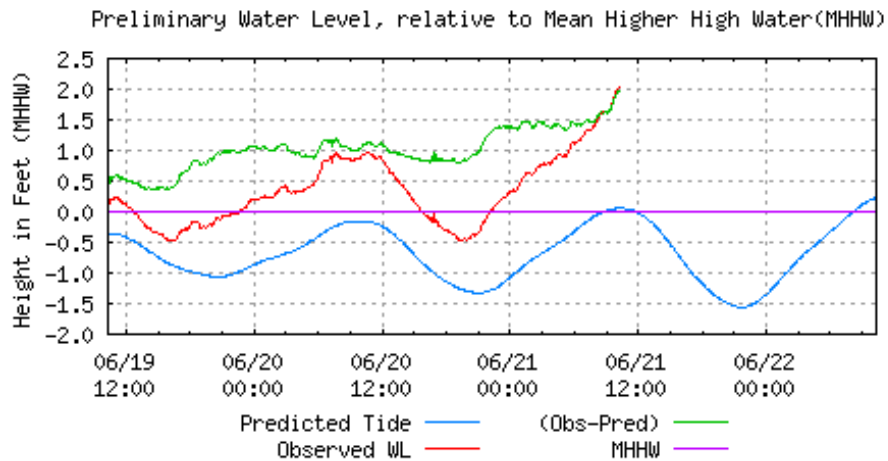
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 06/21/2017 10:12 (CDT)

Barometric Pressure: 1011.9 mb

NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL



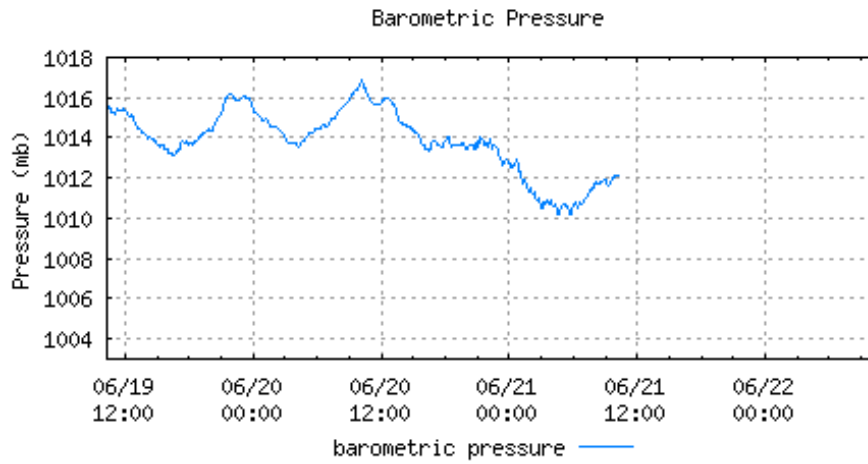
Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

Observed: 2.03 ft. Predicted: 0.06 ft. Residual: 1.97 ft.

Historical Maximum Water Level: Aug 29 2012, 3.67 ft.

Next High Tide: 06/21/2017 10:17 (CDT), 0.06 ft.

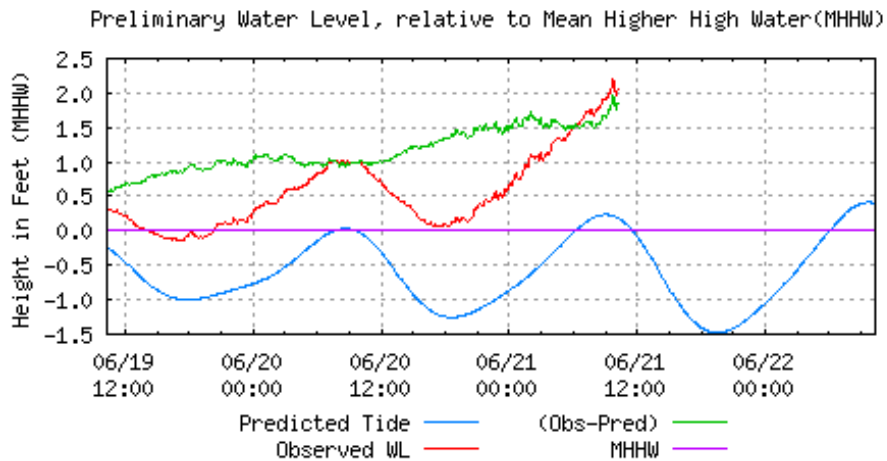
NOAA/NOS/CO-OPS 8737048 Mobile State Docks, AL



Last Observed Sample: 06/21/2017 10:12 (CDT)

Barometric Pressure: 1012.1 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



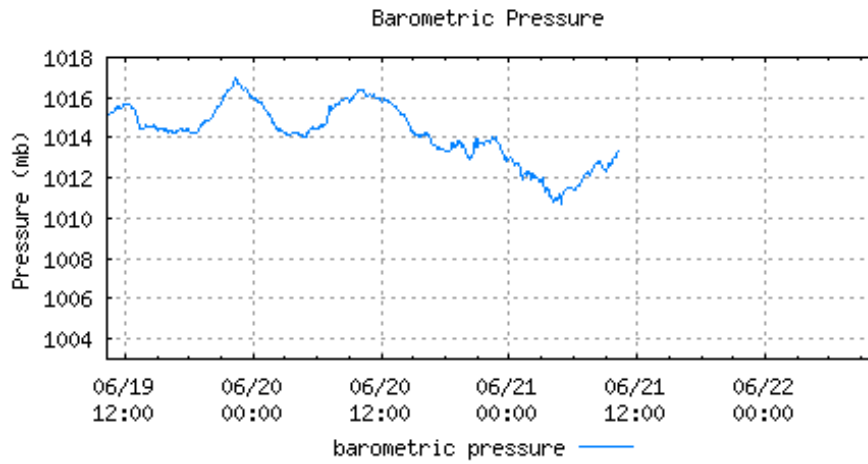
Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

Observed: 2.05 ft. Predicted: 0.19 ft. Residual: 1.86 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft.

Next High Tide: 06/22/2017 09:39 (CDT), 0.41 ft.

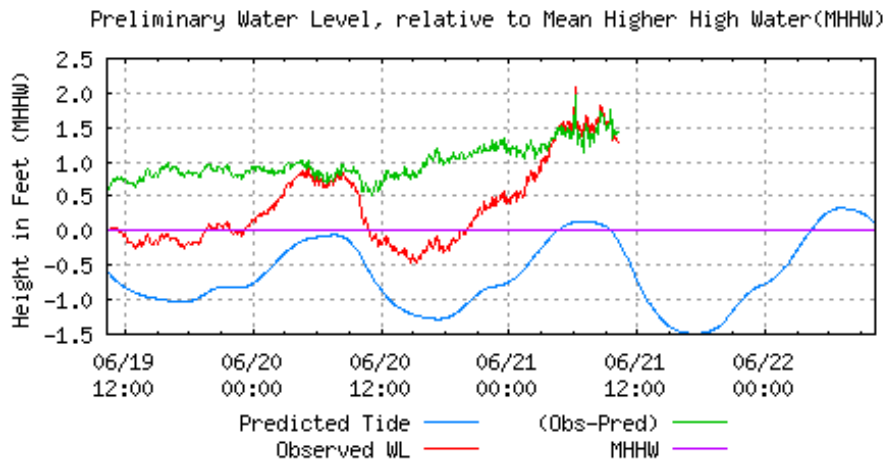
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 06/21/2017 10:12 (CDT)

Barometric Pressure: 1013.3 mb

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



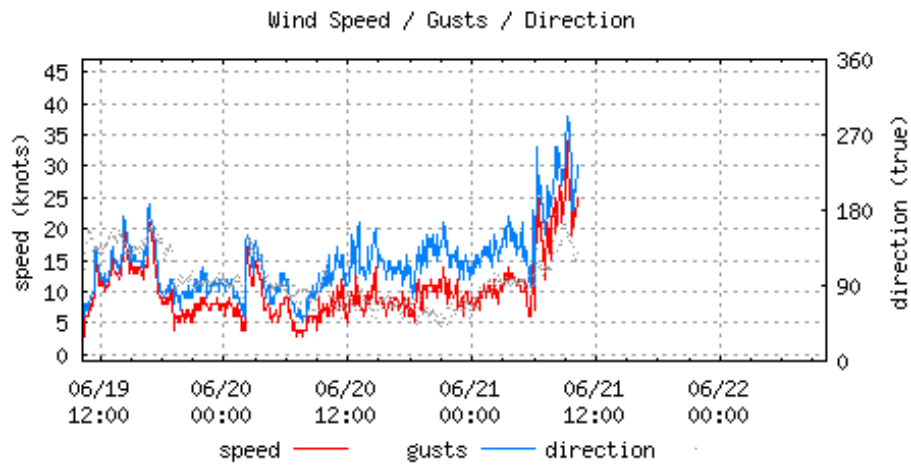
Last Observed Sample: 06/21/2017 10:18 (CDT). Data relative to MHHW

Observed: 1.21 ft. Predicted: -0.17 ft. Residual: 1.38 ft.

Historical Maximum Water Level: Oct 4 1995, 6.84 ft.

Next High Tide: 06/22/2017 07:07 (CDT), 0.33 ft.

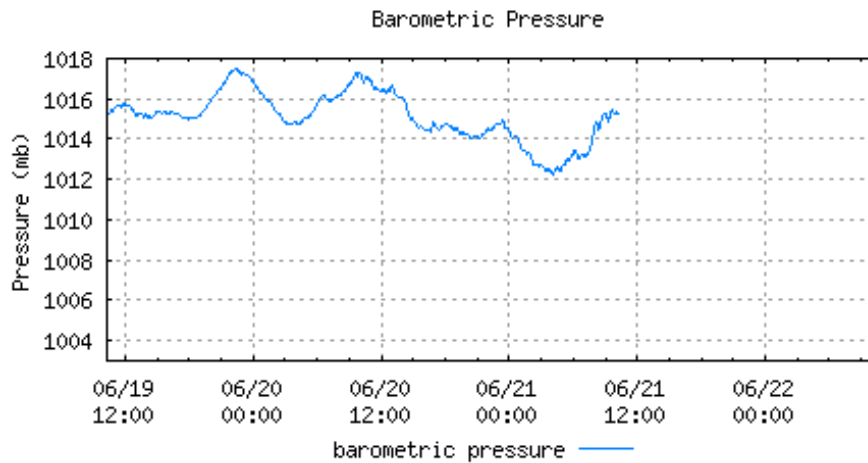
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 06/21/2017 10:18 (CDT)

Wind Speed: 23 knots Gusts: 28 knots Direction: 128° T

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

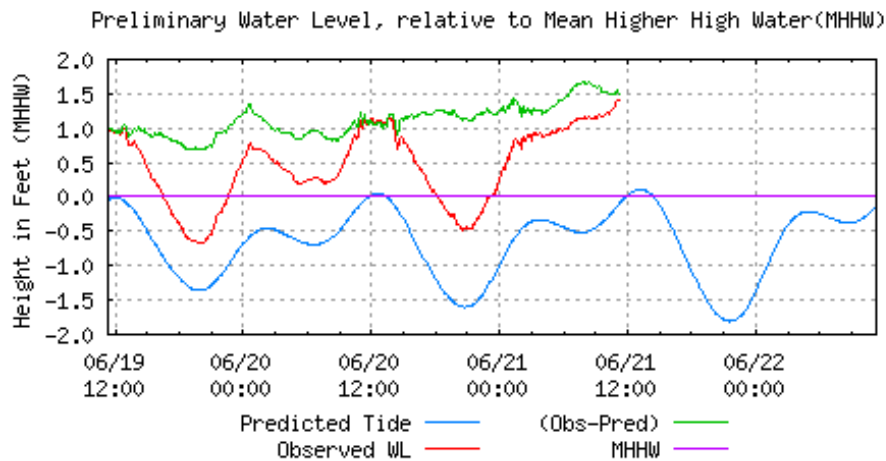


Last Observed Sample: 06/21/2017 10:18 (CDT)

Barometric Pressure: 1015.2 mb



NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



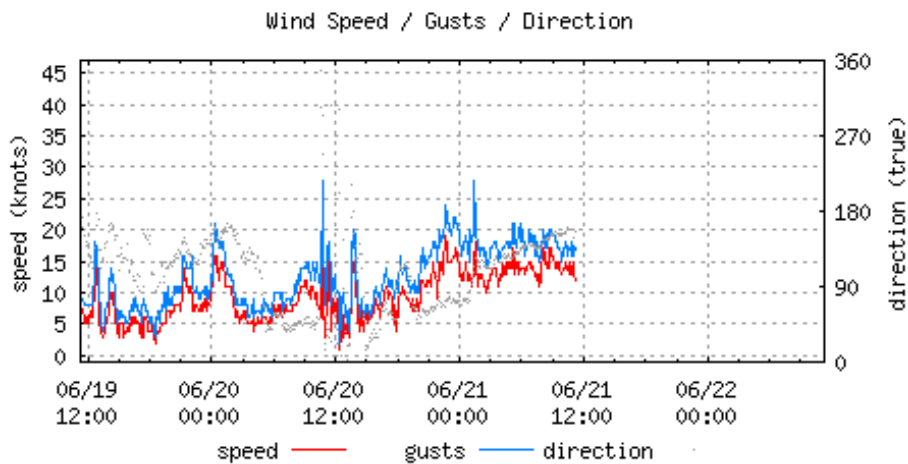
Last Observed Sample: 06/21/2017 11:18 (EDT). Data relative to MHHW

Observed: 1.43 ft. Predicted: -0.08 ft. Residual: 1.51 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 06/21/2017 13:11 (EDT), 0.11 ft.

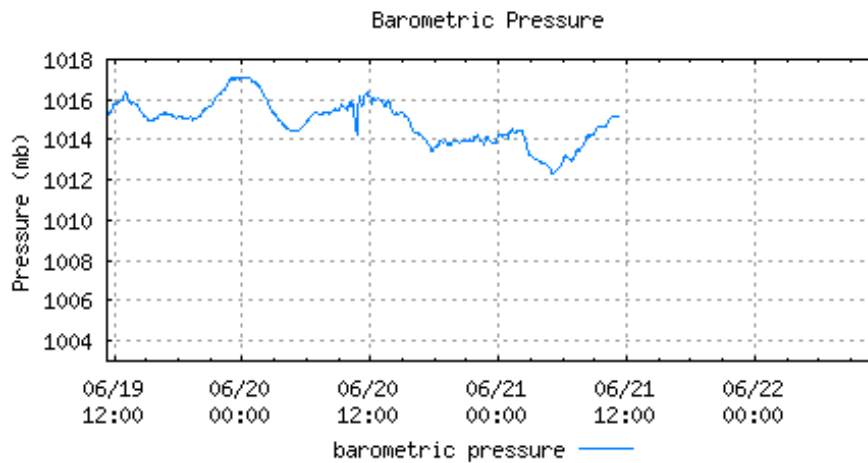
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 06/21/2017 11:18 (EDT)

Wind Speed: 13 knots Gusts: 16 knots Direction: 154° T

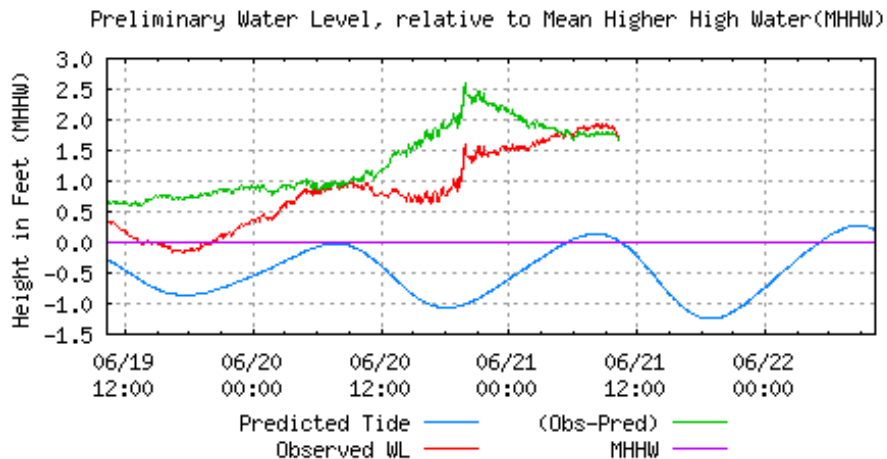
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 06/21/2017 11:18 (EDT)

Barometric Pressure: 1015.3 mb

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



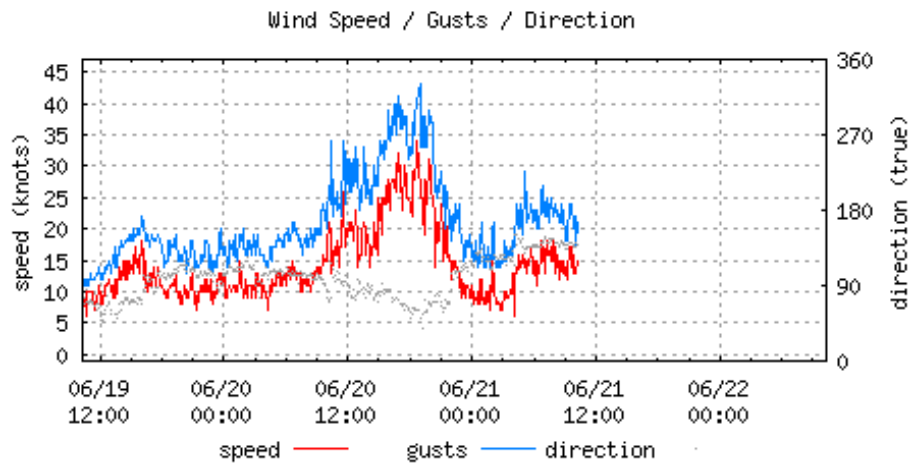
Last Observed Sample: 06/21/2017 10:18 (CDT). Data relative to MHHW

Observed: 1.75 ft. Predicted: 0.02 ft. Residual: 1.73 ft.

Historical Maximum Water Level: Aug 29 2012, 4.45 ft.

Next High Tide: 06/22/2017 08:44 (CDT), 0.27 ft.

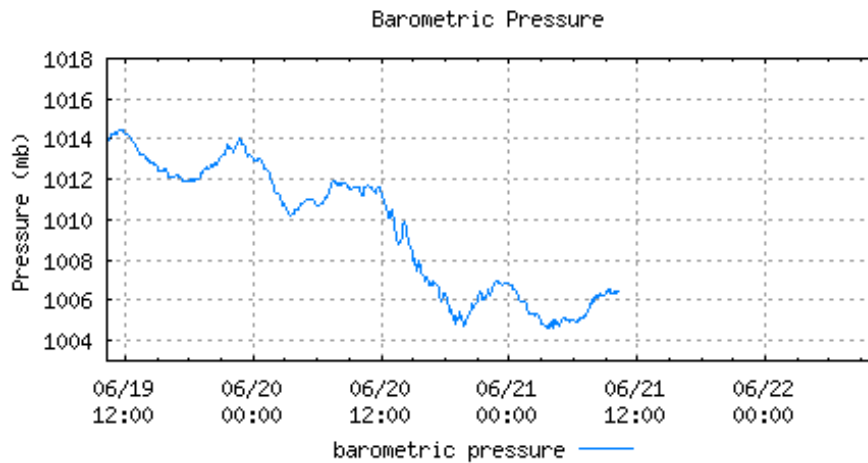
NOAA/NOS/CO-OPS 8761724 Grand Isle, LA



Last Observed Sample: 06/21/2017 10:18 (CDT)

Wind Speed: 11 knots Gusts: 21 knots Direction: 136° T

NOAA/NOS/CO-OPS 8761724 Grand Isle, LA

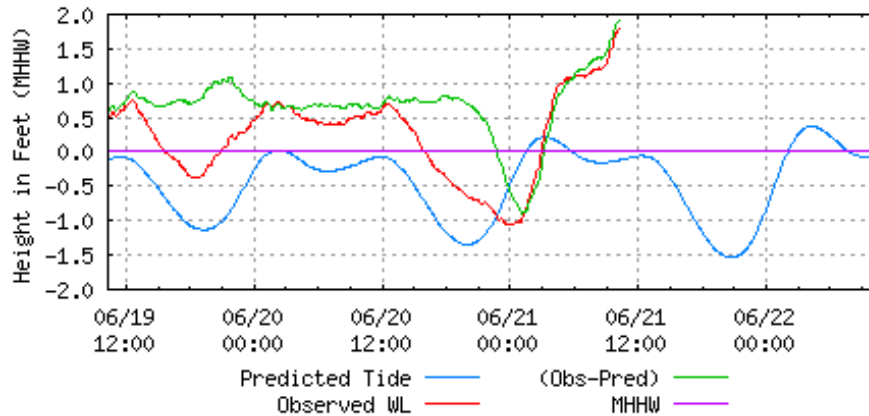


Last Observed Sample: 06/21/2017 10:18 (CDT)

Barometric Pressure: 1006.4 mb

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 10:18 (CDT). Data relative to MHHW

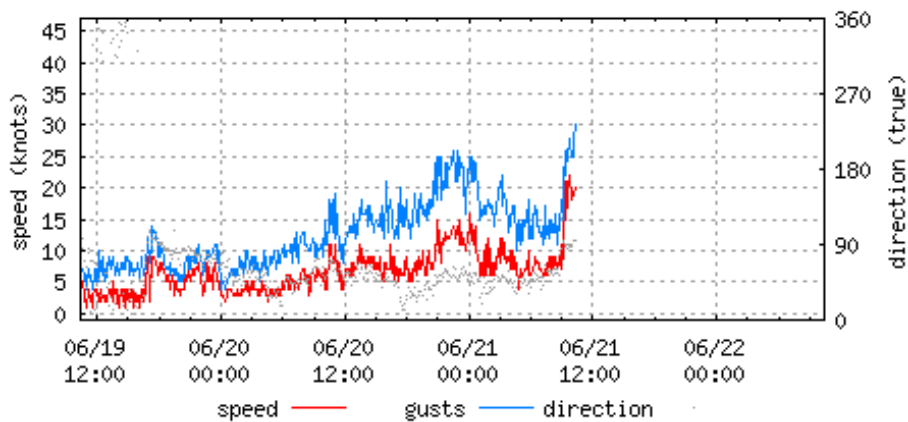
Observed: 1.80 ft. Predicted: -0.12 ft. Residual: 1.92 ft.

Historical Maximum Water Level: Sep 12 2008, 5.90 ft.

Next High Tide: 06/21/2017 12:19 (CDT), -0.06 ft.

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

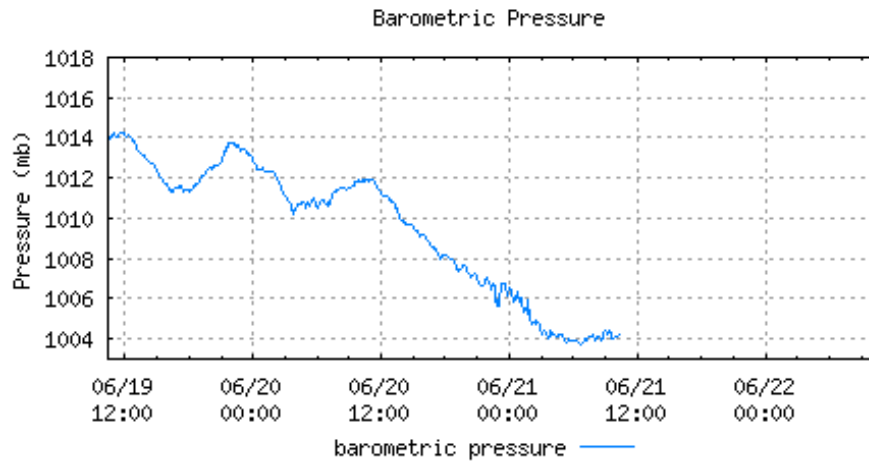
Wind Speed / Gusts / Direction



Last Observed Sample: 06/21/2017 10:18 (CDT)

Wind Speed: 20 knots Gusts: 30 knots Direction: 94° T

NOAA/NOS/CO-OPS 8764227 LAWMA, Amerada Pass, LA

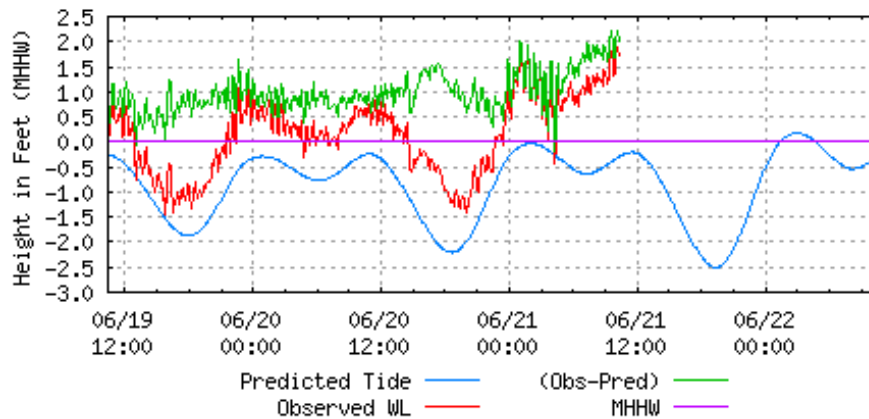


Last Observed Sample: 06/21/2017 10:18 (CDT)

Barometric Pressure: 1004.2 mb

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



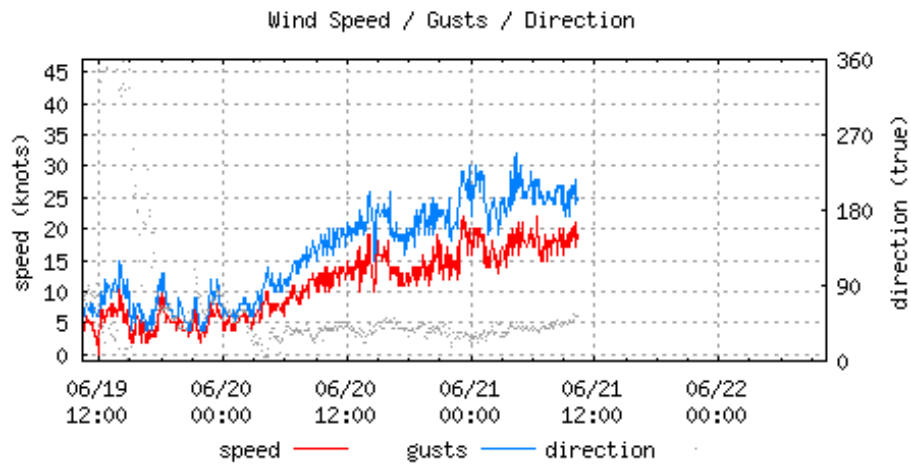
Last Observed Sample: 06/21/2017 10:18 (CDT). Data relative to MHHW

Observed: 1.74 ft. Predicted: -0.29 ft. Residual: 2.03 ft.

Historical Maximum Water Level: Sep 12 2008, 7.98 ft.

Next High Tide: 06/21/2017 11:31 (CDT), -0.21 ft.

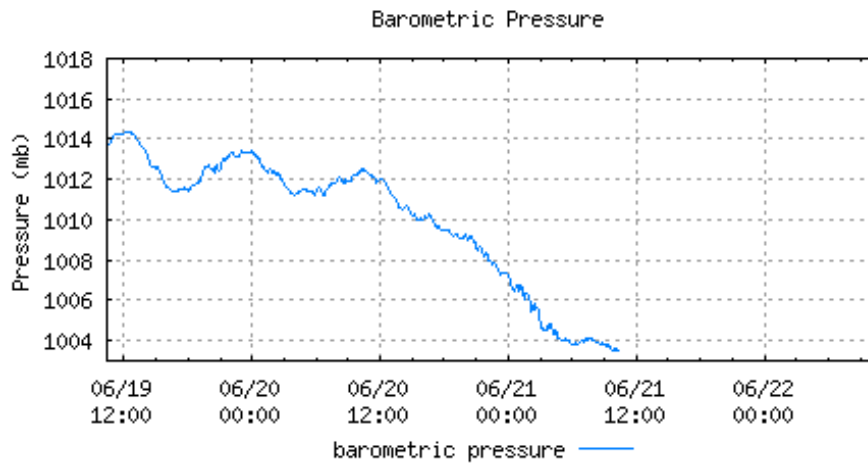
NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA



Last Observed Sample: 06/21/2017 10:18 (CDT)

Wind Speed: 19 knots Gusts: 25 knots Direction: 54° T

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA

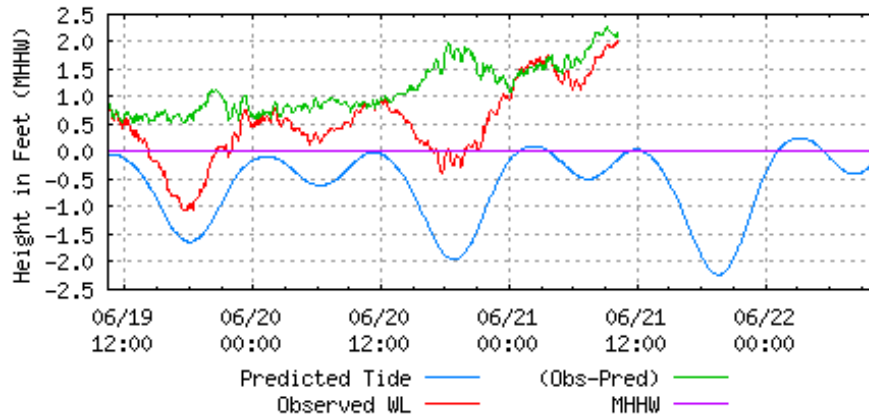


Last Observed Sample: 06/21/2017 10:18 (CDT)

Barometric Pressure: 1003.5 mb

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

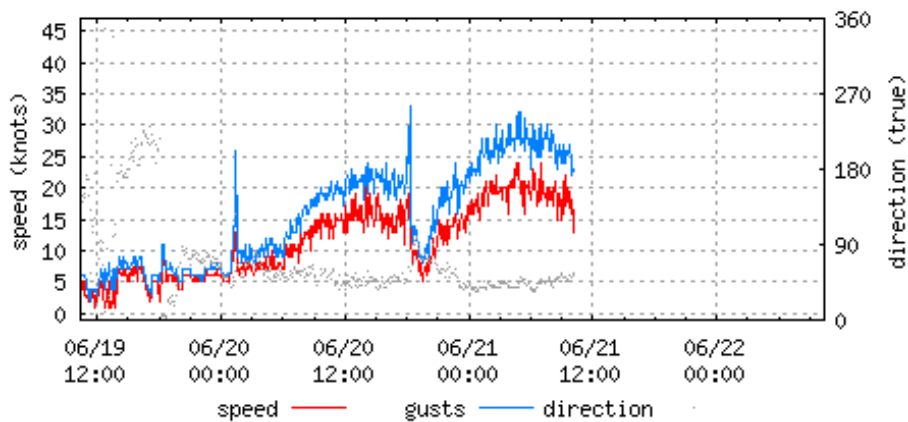
Observed: 1.97 ft. Predicted: -0.13 ft. Residual: 2.10 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/21/2017 11:54 (CDT), 0.04 ft.

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Wind Speed / Gusts / Direction

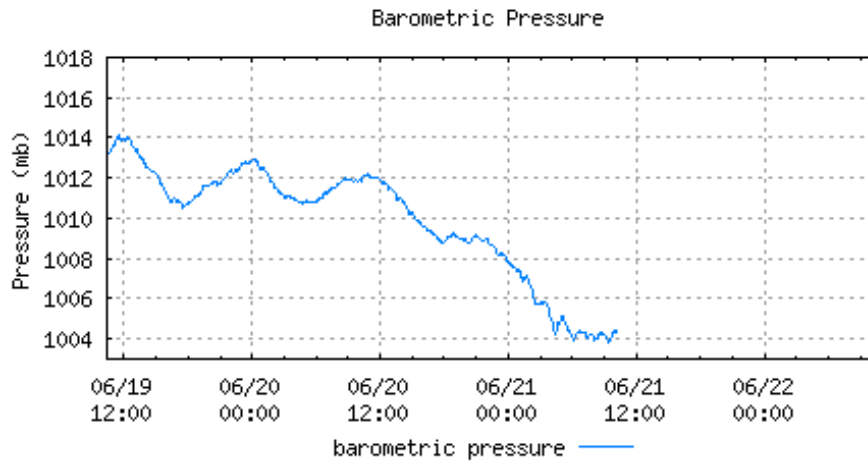


Last Observed Sample: 06/21/2017 10:12 (CDT)

Wind Speed: 13 knots Gusts: 23 knots Direction: 55° T



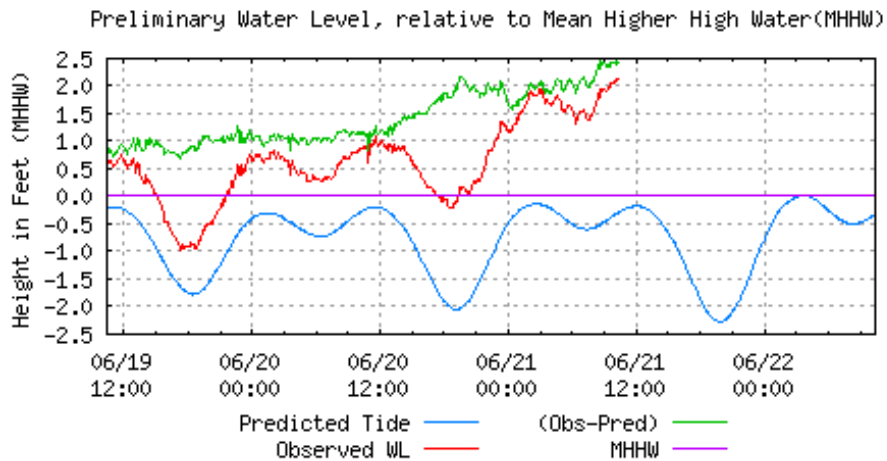
NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



Last Observed Sample: 06/21/2017 10:12 (CDT)

Barometric Pressure: 1004.3 mb

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



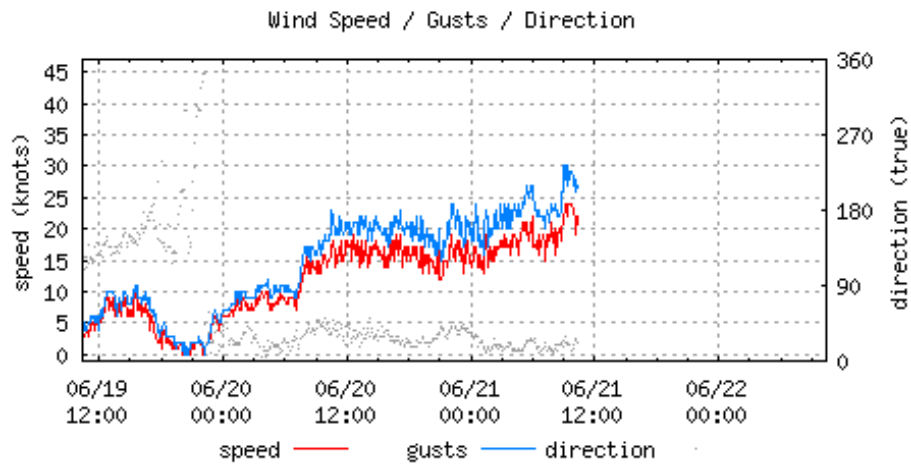
Last Observed Sample: 06/21/2017 10:18 (CDT). Data relative to MHHW

Observed: 2.12 ft. Predicted: -0.30 ft. Residual: 2.42 ft.

Historical Maximum Water Level: Mar 20 2012, 1.91 ft.

Next High Tide: 06/21/2017 12:04 (CDT), -0.18 ft.

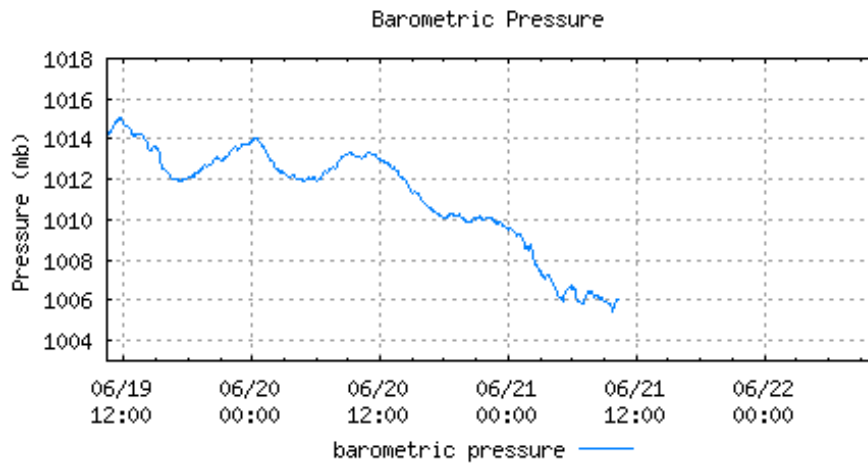
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/21/2017 10:18 (CDT)

Wind Speed: 22 knots Gusts: 27 knots Direction: 23° T

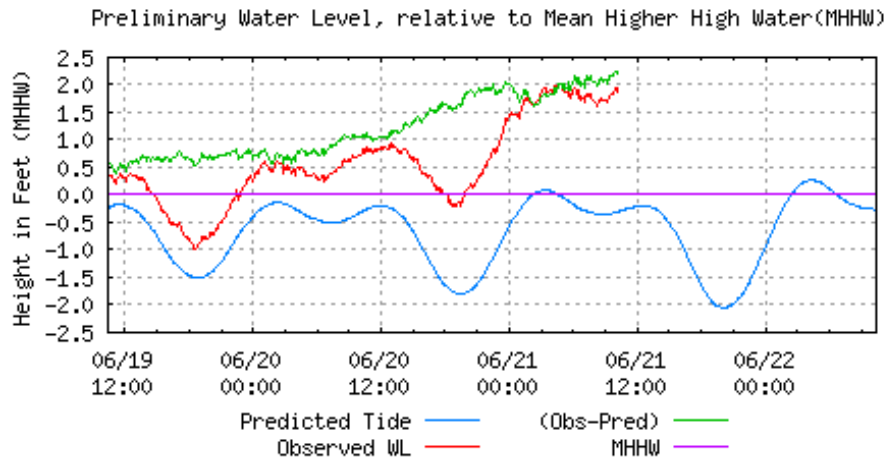
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX



Last Observed Sample: 06/21/2017 10:18 (CDT)

Barometric Pressure: 1006.0 mb

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



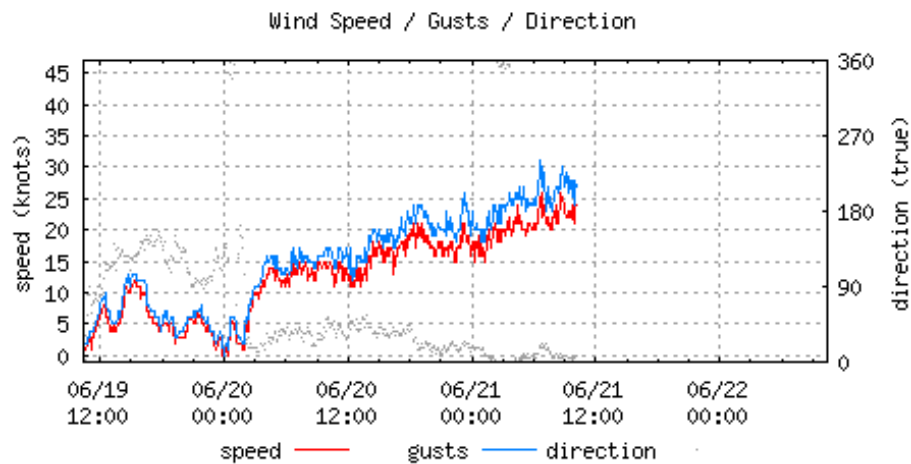
Last Observed Sample: 06/21/2017 10:12 (CDT). Data relative to MHHW

Observed: 1.94 ft. Predicted: -0.31 ft. Residual: 2.25 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 06/21/2017 12:32 (CDT), -0.19 ft.

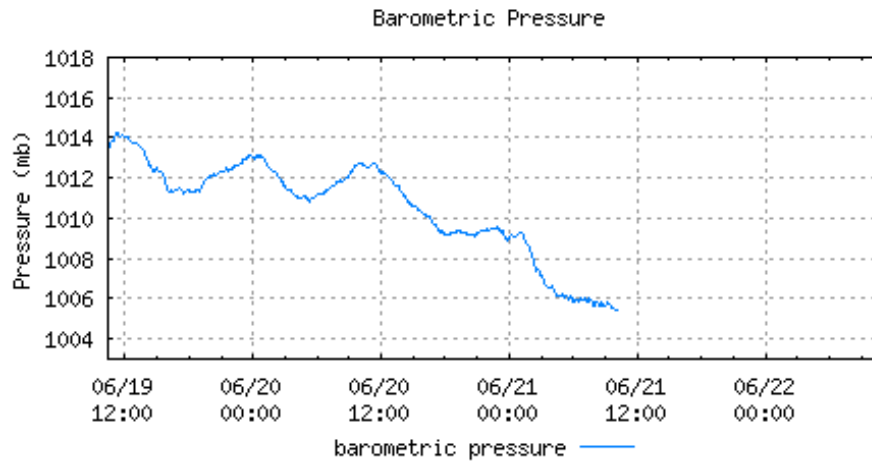
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/21/2017 10:12 (CDT)

Wind Speed: 24 knots Gusts: 27 knots Direction: 7° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



Last Observed Sample: 06/21/2017 10:12 (CDT)

Barometric Pressure: 1005.4 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8760721	Pilottown, LA	06/21/2017 10:12 (CDT)	2.07 ft	0.20 ft	1.87 ft	2.14 ft
8761305	Shell Beach, LA	06/21/2017 10:12 (CDT)	2.64 ft	-0.09 ft	2.73 ft	4.80 ft
8747437	Bay Waveland Yacht Club, MS	06/21/2017 10:12 (CDT)	3.14 ft	0.02 ft	3.12 ft	3.28 ft
8741533	Pascagoula NOAA Lab, MS	06/21/2017 10:12 (CDT)	2.19 ft	-0.02 ft	2.21 ft	2.29 ft
8735180	Dauphin Island, AL	06/21/2017 10:12 (CDT)	1.74 ft	0.08 ft	1.66 ft	1.82 ft
8737048	Mobile State Docks, AL	06/21/2017 10:12 (CDT)	2.03 ft	0.06 ft	1.97 ft	2.03 ft
8729840	Pensacola, FL	06/21/2017 10:12 (CDT)	2.05 ft	0.19 ft	1.86 ft	2.20 ft
8729210	Panama City Beach, FL	06/21/2017 10:18 (CDT)	1.21 ft	-0.17 ft	1.38 ft	2.09 ft
8728690	Apalachicola, FL	06/21/2017 11:18 (EDT)	1.43 ft	-0.08 ft	1.51 ft	1.43 ft
8761724	Grand Isle, LA	06/21/2017 10:18 (CDT)	1.75 ft	0.02 ft	1.73 ft	1.94 ft
8764227	LAWMA, Amerada Pass, LA	06/21/2017 10:18 (CDT)	1.80 ft	-0.12 ft	1.92 ft	1.80 ft
8766072	Freshwater Canal Locks, LA	06/21/2017 10:18 (CDT)	1.74 ft	-0.29 ft	2.03 ft	1.91 ft
8768094	Calcasieu Pass, LA	06/21/2017 10:12 (CDT)	1.97 ft	-0.13 ft	2.10 ft	2.01 ft
8770822	Texas Point, Sabine Pass, TX	06/21/2017 10:18 (CDT)	2.12 ft	-0.30 ft	2.42 ft	2.13 ft
8771341	Galveston Bay Entrance, North Jetty, TX	06/21/2017 10:12 (CDT)	1.94 ft	-0.31 ft	2.25 ft	2.03 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce